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DIALOG(R)File 351:DERWENT WPI

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Polyolefin polyamide laminate container - having polyethylene,  
ethylene-zinc meth-acrylate copolymer inner layer, nylon outer layer

Patent Assignee: TORAY IND INC (TORA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

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Priority Applications (No Type Date): JP 73123971 A 19731106

Abstract (Basic): JP 50075256 A

Polyolefins (melt index 0.05-1) and/or polyamides (relative viscosity 2-6) which contained 3-45% modified ethylene polymers contng. 0.1-10 mole % unsatd. carboxylic acids or their derivs. as comonomers were used to prep. containers having polyamide layer-polyolefin layer ratio 0.01-0.3 by blow moulding. In an example, a container having good adhesion between layers was prepd. by using a blent of 85% high-d. polyethylene and 15% ethylene-zinc methacrylate copolymer as an inner layer and nylon 6 as an outer layer.

Title Terms: POLYOLEFIN; POLYAMIDE; LAMINATE; CONTAINER; POLYETHYLENE;  
ETHYLENE; ZINC; METHO; ACRYLATE; COPOLYMER; INNER; LAYER; NYLON; OUTER;  
LAYER

Derwent Class: A17; A23; A92; Q32

International Patent Class (Additional): B29D-000/00; B65D-000/00

File Segment: CPI; EngPI